

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027207.D
 Acq On : 25 Feb 2022 22:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 25 23:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	79926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47083	49.049	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.100%		
35) Dibromofluoromethane	5.391	113	38632	48.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.653	98	145629	48.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	55396	48.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38669	48.672	ug/l	100
3) Chloromethane	1.295	50	38859	52.324	ug/l	100
4) Vinyl Chloride	1.380	62	35881	48.505	ug/l	99
5) Bromomethane	1.599	94	15651	48.424	ug/l	97
6) Chloroethane	1.685	64	22208	48.889	ug/l	97
7) Trichlorofluoromethane	1.886	101	57048	49.584	ug/l	98
8) Diethyl Ether	2.136	74	20353	50.824	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	39892	49.771	ug/l	97
10) Methyl Iodide	2.453	142	58390	54.253	ug/l	96
11) Tert butyl alcohol	2.965	59	47471	254.172	ug/l	97
12) 1,1-Dichloroethene	2.325	96	38717	49.758	ug/l	89
13) Acrolein	2.239	56	44539	258.004	ug/l	99
14) Allyl chloride	2.666	41	69122	50.454	ug/l	94
15) Acrylonitrile	3.069	53	127366	265.761	ug/l	98
16) Acetone	2.386	43	107186	254.321	ug/l	95
17) Carbon Disulfide	2.514	76	97317	48.099	ug/l	99
18) Methyl Acetate	2.709	43	56971	52.371	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	137235	51.400	ug/l	100
20) Methylene Chloride	2.794	84	44207	50.606	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42286	50.959	ug/l	97
22) Diisopropyl ether	3.770	45	138543	51.874	ug/l	91
23) Vinyl Acetate	3.727	43	603424	267.556	ug/l	97
24) 1,1-Dichloroethane	3.611	63	77130	51.086	ug/l	100
25) 2-Butanone	4.562	43	176193	262.508	ug/l	98
26) 2,2-Dichloropropane	4.483	77	52726	48.139	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	49882	51.834	ug/l	94
28) Bromochloromethane	4.904	49	30264	49.548	ug/l	92
29) Tetrahydrofuran	5.007	42	115519	257.155	ug/l	96
30) Chloroform	5.099	83	79697	50.822	ug/l	100
31) Cyclohexane	5.477	56	70839	49.275	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	69726	51.363	ug/l	99
36) 1,1-Dichloropropene	5.696	75	59381	50.812	ug/l	98
37) Ethyl Acetate	4.721	43	66585	51.894	ug/l	98
38) Carbon Tetrachloride	5.684	117	61047	50.086	ug/l	97
39) Methylcyclohexane	7.385	83	72237	49.691	ug/l	99
40) Benzene	6.044	78	174924	51.185	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027207.D
 Acq On : 25 Feb 2022 22:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 25 23:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37383	53.111	ug/l	95
42) 1,2-Dichloroethane	6.092	62	62624	51.654	ug/l	97
43) Isopropyl Acetate	6.342	43	105503	53.451	ug/l	97
44) Trichloroethene	7.129	130	53210	52.049	ug/l	96
45) 1,2-Dichloropropane	7.434	63	44686	53.515	ug/l	96
46) Dibromomethane	7.586	93	31405	52.363	ug/l	96
47) Bromodichloromethane	7.824	83	61099	52.194	ug/l	98
48) Methyl methacrylate	7.696	41	52694	55.152	ug/l	95
49) 1,4-Dioxane	7.659	88	22140	1025.037	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	348240	271.444	ug/l	97
52) Toluene	8.720	92	114125	52.152	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	61674	46.764	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	69389	53.102	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	46395	53.528	ug/l	98
56) Ethyl methacrylate	9.116	69	73326	54.339	ug/l	95
57) 1,3-Dichloropropane	9.311	76	77150	53.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	167856	258.062	ug/l	97
59) 2-Hexanone	9.433	43	262184	267.389	ug/l	96
60) Dibromochloromethane	9.525	129	48287	53.704	ug/l	100
61) 1,2-Dibromoethane	9.610	107	48027	52.031	ug/l	100
64) Tetrachloroethene	9.275	164	54862	51.345	ug/l	95
65) Chlorobenzene	10.080	112	122020	50.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44907	51.439	ug/l	99
67) Ethyl Benzene	10.195	91	216424	51.211	ug/l	99
68) m/p-Xylenes	10.305	106	166993	102.785	ug/l	97
69) o-Xylene	10.640	106	83564	51.247	ug/l	94
70) Styrene	10.659	104	139012	52.100	ug/l	97
71) Bromoform	10.799	173	34421	45.981	ug/l #	99
73) Isopropylbenzene	10.964	105	215630	52.284	ug/l	98
74) N-amyl acetate	10.842	43	91233	58.140	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	62690	51.463	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63245m	54.478	ug/l	
77) Bromobenzene	11.201	156	53087	51.606	ug/l	94
78) n-propylbenzene	11.305	91	247128	52.721	ug/l	98
79) 2-Chlorotoluene	11.366	91	148091	51.556	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	182216	52.543	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17913	45.616	ug/l	92
82) 4-Chlorotoluene	11.457	91	169279	51.587	ug/l	97
83) tert-Butylbenzene	11.713	119	171861	50.966	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	182047	52.775	ug/l	98
85) sec-Butylbenzene	11.890	105	222192	52.550	ug/l	98
86) p-Isopropyltoluene	12.012	119	188313	52.243	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98404	50.837	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	100005	50.528	ug/l	98
89) n-Butylbenzene	12.335	91	155349	51.564	ug/l	99
90) Hexachloroethane	12.543	117	28876	51.717	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	97117	51.420	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15158	53.598	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61497	51.599	ug/l	99
94) Hexachlorobutadiene	13.725	225	24313	49.136	ug/l	98
95) Naphthalene	13.774	128	216541	53.467	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61777	51.712	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
Data File : VX027207.D
Acq On : 25 Feb 2022 22:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/28/2022
Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 23:45:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

